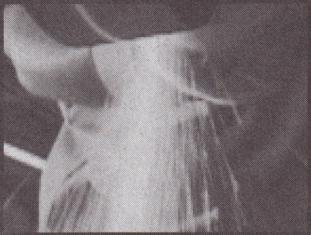
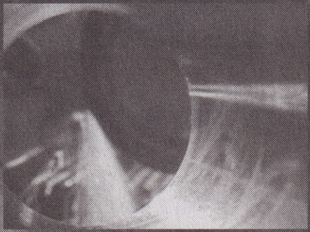
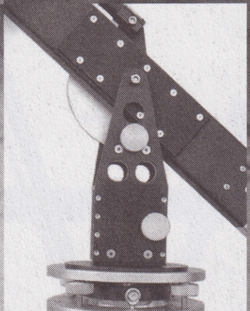
BOOMS & ARMS





CHAPTER FOUR



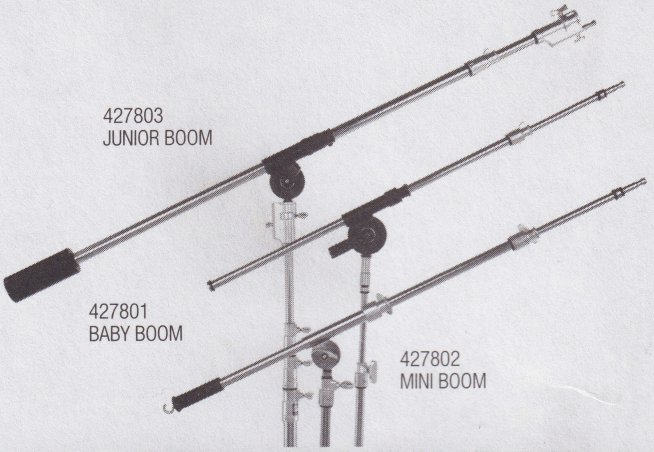
Booms & Arms

Junior Boom

The largest and heaviest duty boom currently made by Matthews. The Junior Boom measures 68" (172cm) when fully collapsed and will extend to over 10 feet (300cm). The Junior Boom has a 25-pound (12kg) counter-balance weight attached and features the same tilt-locking and mounting mechanism found on the Baby Boom. Matthews #427805 Junior Drop Down can be used to keep light banks level.

CATALOG #	DESCRIPTION	LBS	LIST PRICE
427803	Junior Boom	41	$422.00

Extends from 67.5" (172cm) to 120" (300cm).



Baby Boom

Similar in construction to the Mini Boom, this boom utilizes a much heavier duty tilt locking device and can be mounted on a stand with either a Junior Receiver or a Baby Pin.

CATALOG #	DESCRIPTION	LBS	LIST PRICE
427801	Baby Boom	11	$281.00

Extends from 45" (115cm) to over 80" (203cm).

CAUTION:

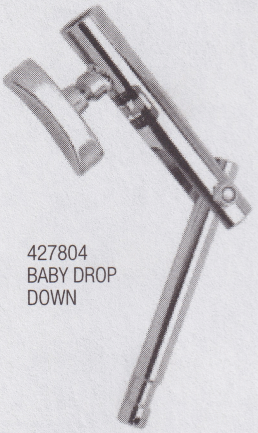
Any light boom that is not properly balanced is extremely dangerous on a set.
When calculating the proper stand on which to attach the boom, be sure to include the amount of counter weight in addition to the lighting fixture and accessories being used.

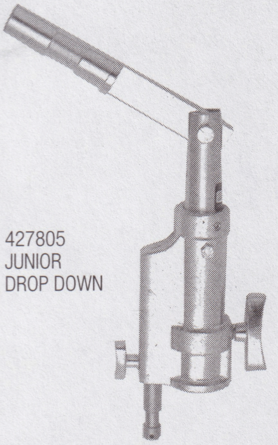
Mini Boom

Designed because of the growing demand for a boom that would not bend when an array of accessories were added to it, like small lighting fixtures or strobes, such as light banks, egg crates etc. Made completely out of steel, the Mini Boom mounts on a 5/8" Baby Pin and will extend over 80" (203cm), terminating in a 5/8" pin. A hook is provided at the rear end of the boom to accommodate a sandbag for balancing. The use of a Baby Drop Down #427804 will keep the lighting instrument level. Extends from 45" (115cm) to over 80" (203cm).

CATALOG #	DESCRIPTION	LBS	LIST PRICE
427802	Mini Boom	7.5	$200.00
B427802	Mini Boom — Black	7.5	200.00

We suggest that you use Matthews Boa Bags to counterweight the boom.
See page 144 on Boa Bags.

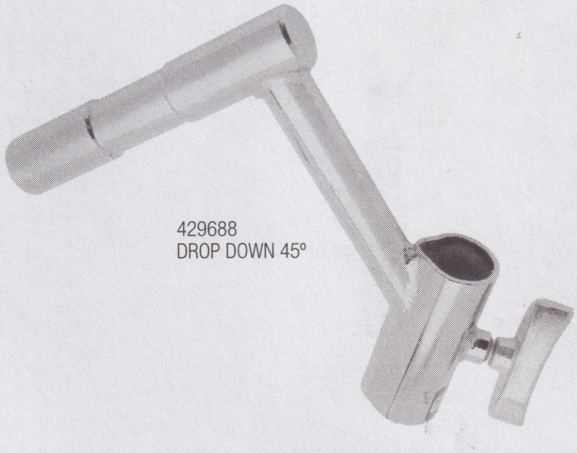

427804
BABY DROP
DOWN

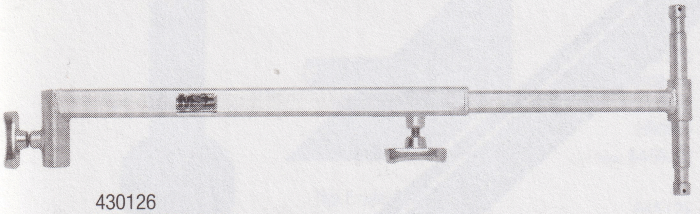

427805
JUNIOR
DROP DOWN

Drop Downs

Drop Downs are most commonly used on Lighting Booms. The pivoting mounting allows the use of a light box or other lighting instruments to maintain a horizontal position regardless of the angle of the boom. The 45º Angle Drop Down is primarily used with reflectors to allow their use at lower angles than most stands permit.

CATALOG #	DESCRIPTION	LBS	LIST PRICE
427804	Baby Drop Down	1.25	$ 57.00
427805	Junior Drop Down	4.75	108.00
429688	Drop Down — 45º Angle	2.75	67.00

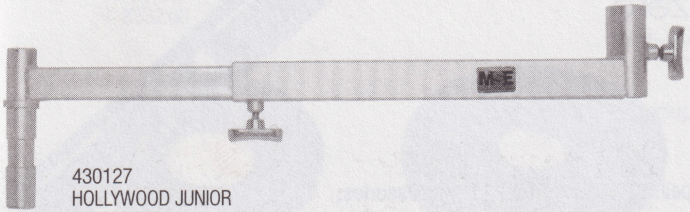

429688
DROP DOWN 45º

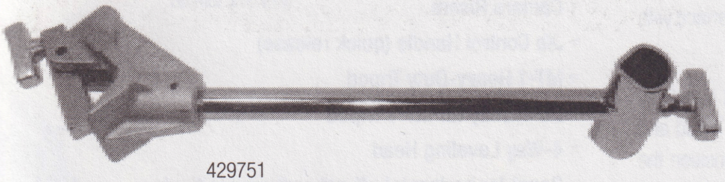

430126
HOLLYWOOD BABY
OFFSET ARM

Offset Arms

Offset Arms are a convenient tool when a lighting fixture needs to be placed off-center for the purpose of hiding the stand behind a set wall or coming over the top of the set. The Baby Extendable Offset Arm terminates in double 5/8" pins and the Junior Extendable Offset Arm terminates in a single 1-1/8" Junior Posi-V-Lock Receiver. Both extend from 18" to 25".

CATALOG #	DESCRIPTION	LBS	LIST PRICE
430126	Hollywood Extendable Baby Offset Arm	3.5	$124.00
430127	Hollywood Junior Extendable Offset Arm	7	124.00


430127
HOLLYWOOD JUNIOR
OFFSET ARM

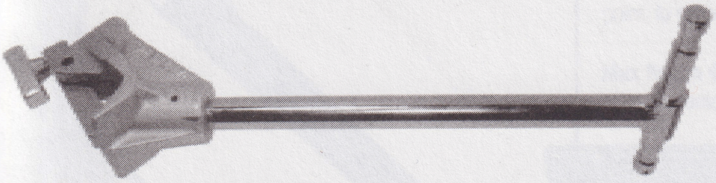

429751
HEAVY DUTY JUNIOR
SIDE ARM

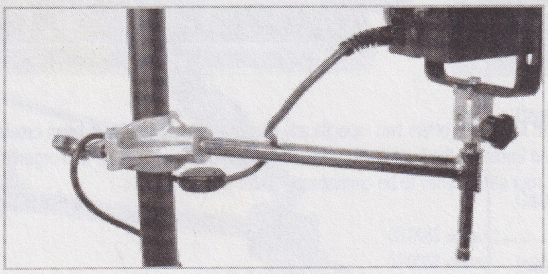
Side Arms

Side Arms can be clamped anywhere on the stand riser, allowing a light to be lowered to just above the legs and slightly offset, without the need for another stand. The Heavy Duty Side Arms utilize a special vice clamp and are made with heavier materials. In both cases, the Baby terminates in double 5/8" pins and the Junior in a single 1-1/8" Posi-V-Lock receiver.

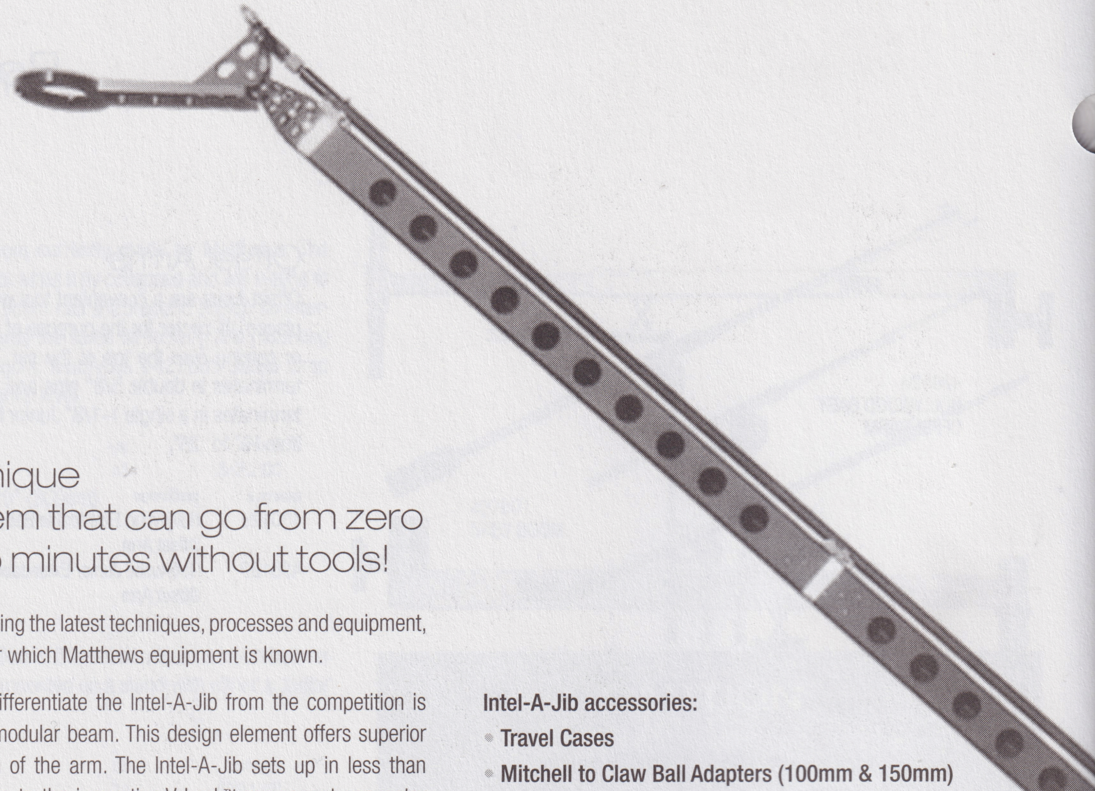
CAUTION: When using a Side Arm, place a sandbag on the far leg with the same amount of weight as the light fixture. This will help prevent tipping of the stand.

CATALOG #	DESCRIPTION	LBS	LIST PRICE
429752	Heavy Duty Baby Side Arm	2	$115.00
429751	Heavy Duty Junior Side Arm	2.5	119.00


429752
HEAVY DUTY BABY
SIDE ARM


429752 APPLICATION

Intel-A-Jib™



Intel-A-Jib is a unique modular jib system that can go from zero to ten feet in two minutes without tools!

The Intel-A-Jib is manufactured using the latest techniques, processes and equipment, resulting in the superior quality for which Matthews equipment is known.

Among the many features that differentiate the Intel-A-Jib from the competition is the one-piece X-Box Extrusion™ modular beam. This design element offers superior anti-deflection and anti-distortion of the arm. The Intel-A-Jib sets up in less than two minutes without any tools due to the innovative V-Lock™ component connector locking system. With extensions of either 10 or 6 feet in length, the Intel-A-Jib can accept virtually any camera package, expanding great image-making creativity. The Intel-A-Jib uses the internationally accepted Mitchell Mounting System to interface with the supporting tripod system and for camera mounting.

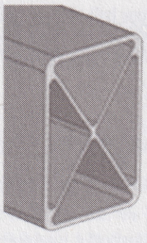
Matthews also offers many accessories designed to expand the jib arm's capability and functionality. Mounting the Intel-A-Jib to Matthews MT-1 Heavy-Duty Tripod and the DL-7 Dolly (sold separately) allows the operator to quickly and easily position the fixture thereby ensuring many more opportunities to capture that 'perfect' shot. If you'd like to see it in action — 'click' on Matthews web site at msegrip.com to view a few of many in-use photos. We think you'll be impressed!

377704 Intel-A-Jib....................Contact Matthews for Pricing.

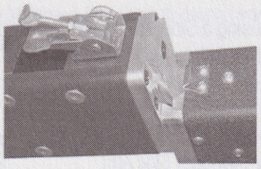
Accessories are additional.

Intel-A-Jib accessories:

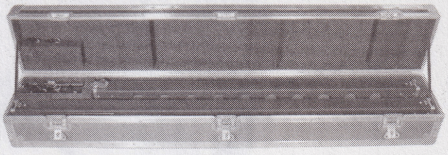
- **Travel Cases**
- **Mitchell to Claw Ball Adapters (100mm & 150mm)**
- **Mitchell to Elemac Adapters**
- **Mitchell to Elemac to Claw Ball Adapters (100mm & 150mm)**
- **Camera Risers**
- **Jib Control Handle (quick release)**
- **MT-1 Heavy-Duty Tripod**
- **DL-7 Dolly for MT-1 Tripod**
- **4-Way Leveling Head**
- **Bangi for horizontal off-set camera positioning**



Intel-A-Jib's one-piece X-Box Extrusion™ offers superior anti-deflection and anti-torsion properties, resulting in a lightweight jib with a great load capacity, and smooth operation.



Intel-A-Jib's innovative V-Lock Connector™ makes assembly and disassembly of Intel-A-Jib simple and fast, without wires or cables.

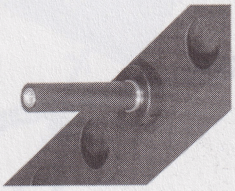


Protect your investment! Matthews offers two specifically designed cases that have been created to allow you to store and transport the Intel-A-Jib from location to location in a safe and organized way. It will also enable your setup times to be consistently under two minutes!

377711 Small Case........................ List Price $500.00
377712 Large Case........................ List Price $600.00

Intel-A-Jib™

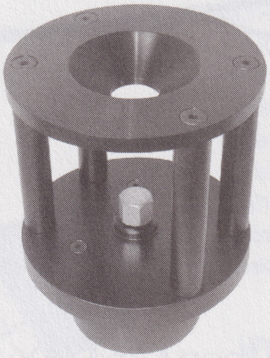
377708
Expanding Handle
List Price
$332.00

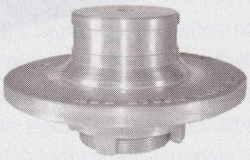


The Expanding Handle securely locks into any of the holes along the beam for front end control of the jib's movement.

845120
Elemac to
100mm Bowl
(shown)
List Price $459.00

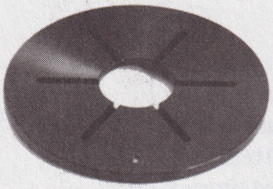
845122
Elemac to
150mm Bowl
List Price $550.00



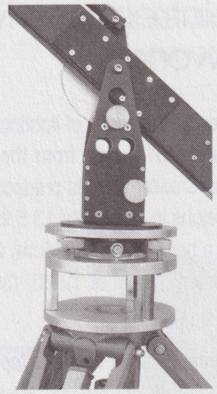


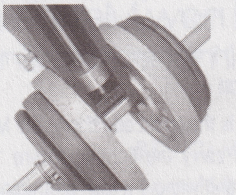
515025
Mitchell to Elemac Adapter
List Price $337.00

377709
Mitchell to 100mm
Low Profile, Bowl Adapter
List Price $155.00



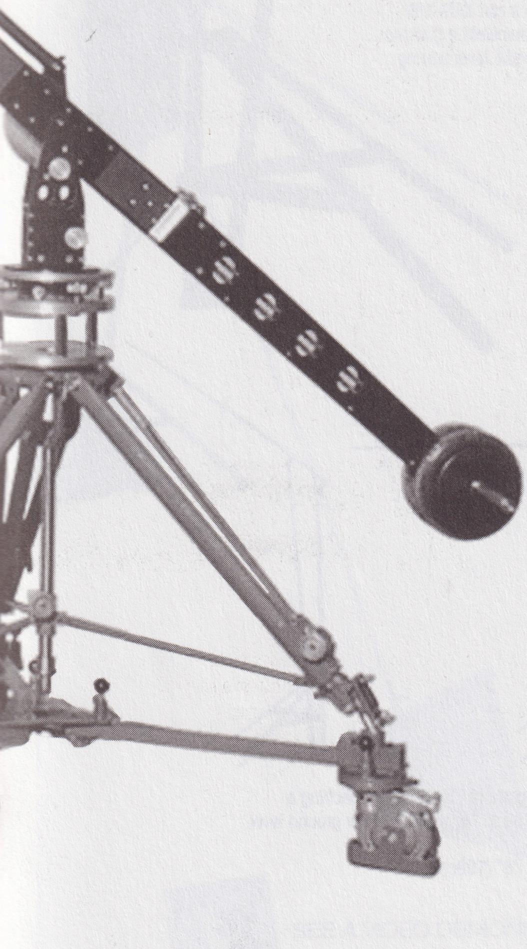
377710
Mitchell to Sachtler Adapter
List Price $450.00





Fine tuning weights for perfect balancing of jib arm. Weights not included.

415063
Matthews 4-way Leveling Head
List Price $1066.00

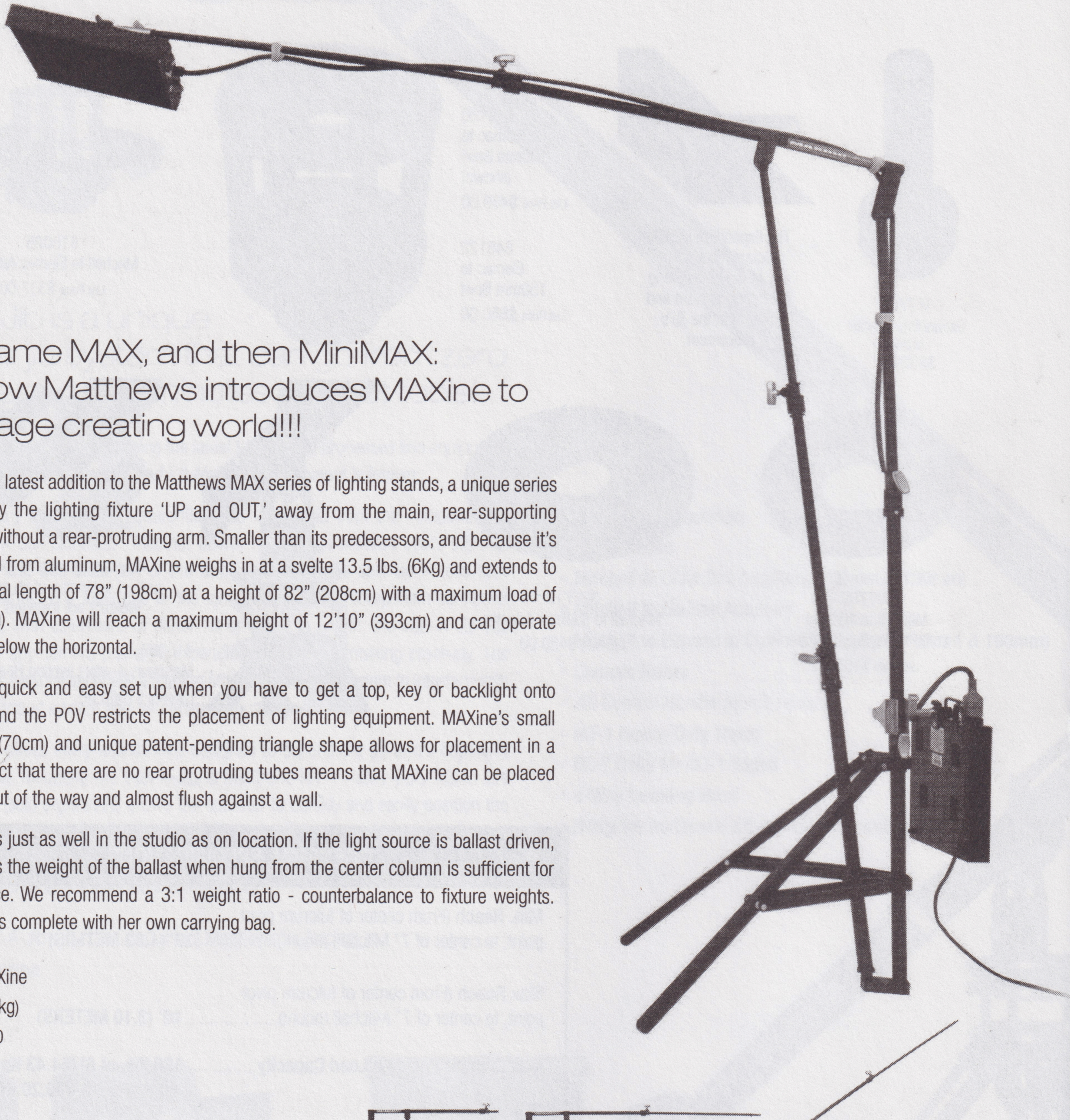


GENERAL SPECIFICATIONS*

Min. Reach (From center of fulcrum pivot point, to center of 7" Mitchell mount)	**6' (1.83 METERS)**
Max Reach (From center of fulcrum pivot point, to center of 7" Mitchell mount)	**10' (3.10 METERS)**
Max Camera Package Load Capacity	**120 lbs. at 6' (54.43 Kg at 1.83 m) 80 lbs. at 10' (36.29 Kg at 3.10 m)**
Overall Assembled Length	**9' 7" at 6' (2.96 m at 1.83 m) 13' 8" at 10' (4.21 m at 3.10 m)**
Weight at Full Extension (less counterbalance weight)	**65 lbs. at 10' (28.48 Kg. at 3.10 m)**
Counterbalance Weight to Load Ratio	**1.8:1 at 6' (1.83 m) 3.0:1 at 10' (3.10 m)**
Camera Mount Options	**Over/Under 7" Mitchell (flat-base)**
Intel-A-Jib™ Mounting Requirements	**Dolly, tripod, or other, with 7" Mitchell mount (rated for weight of jib, camera package and counterbalance weight)**

*All specifications & features subject to change without notice.

MAXine™



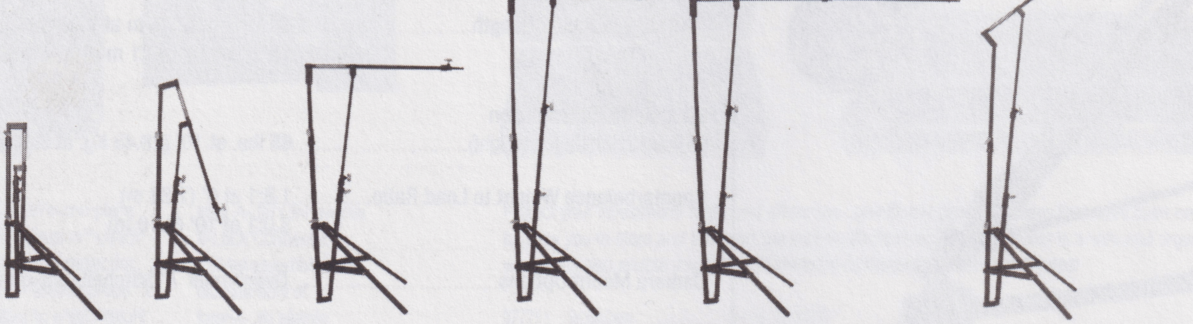
First came MAX, and then MiniMAX: and now Matthews introduces MAXine to the image creating world!!!

MAXine is the latest addition to the Matthews MAX series of lighting stands, a unique series that will carry the lighting fixture 'UP and OUT,' away from the main, rear-supporting column and without a rear-protruding arm. Smaller than its predecessors, and because it's manufactured from aluminum, MAXine weighs in at a svelte 13.5 lbs. (6Kg) and extends to a full horizontal length of 78" (198cm) at a height of 82" (208cm) with a maximum load of 10 lbs. (4.5Kg). MAXine will reach a maximum height of 12'10" (393cm) and can operate 16" (40cm) below the horizontal.

MAXine is a quick and easy set up when you have to get a top, key or backlight onto the subject and the POV restricts the placement of lighting equipment. MAXine's small footprint 28" (70cm) and unique patent-pending triangle shape allows for placement in a corner. The fact that there are no rear protruding tubes means that MAXine can be placed out of view, out of the way and almost flush against a wall.

MAXine works just as well in the studio as on location. If the light source is ballast driven, in many cases the weight of the ballast when hung from the center column is sufficient for counterbalance. We recommend a 3:1 weight ratio - counterbalance to fixture weights. MAXine comes complete with her own carrying bag.

B377703 MAXine
Weight 16 lbs (8 kg)
List Price $750.00



MAXine has a maximum operating arc of 78" (198cm) reaching a Maximum Height of 12'10" (393cm) to 16" (40cm) below ground level.

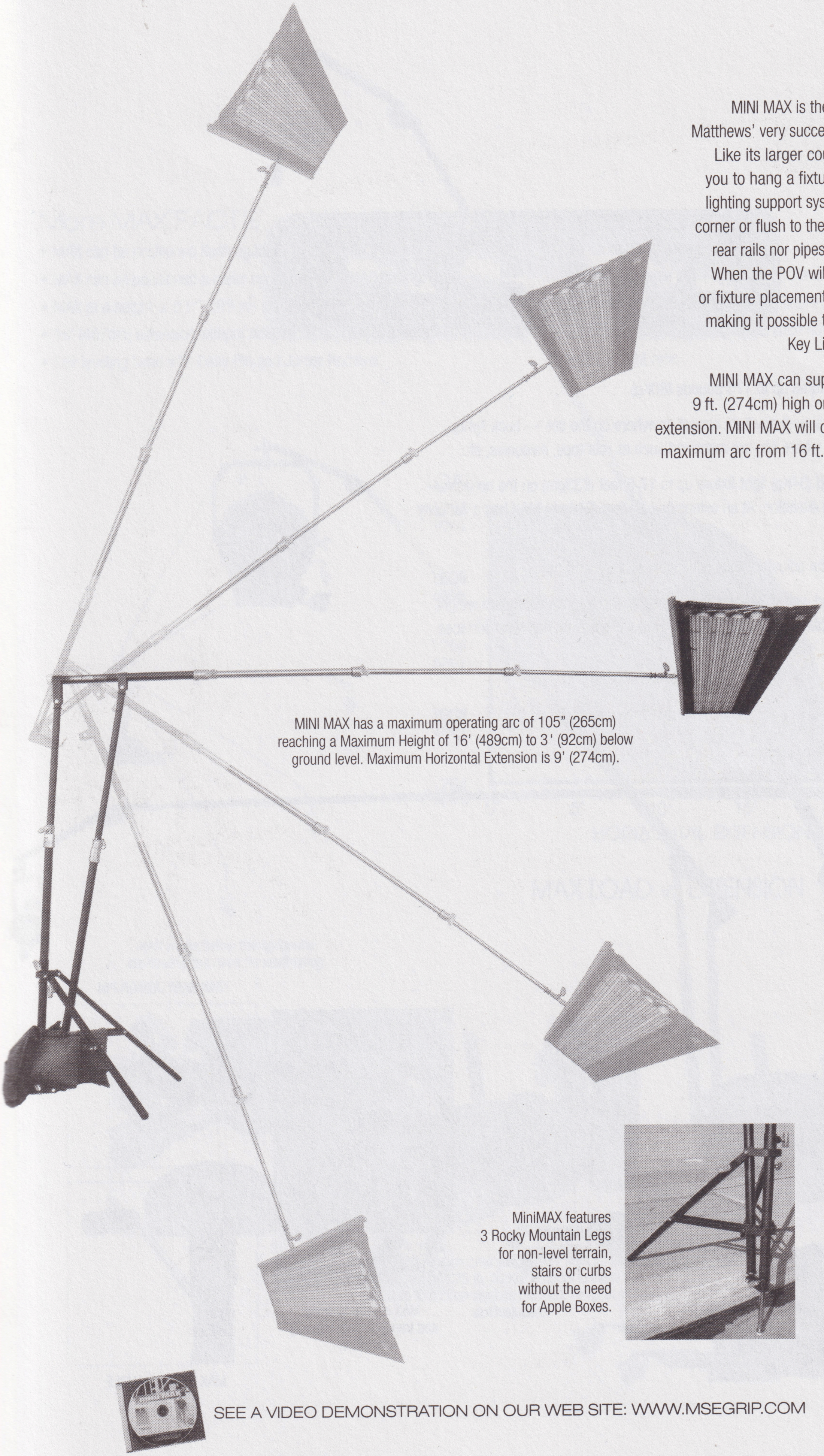
Maximum Horizontal Extension is 78" (198cm).

Mini MAX™

MINI MAX is the smaller compact version of Matthews' very successful and very popular MAX. Like its larger counterpart, MINI MAX allows you to hang a fixture in places where no other lighting support system may go — either into a corner or flush to the wall — as there are neither rear rails nor pipes required for counterbalance. When the POV will not accommodate a stand or fixture placement, MINI MAX can 'fly' right in, making it possible to strategically place either a Key Light, Top Light or Back Light.

MINI MAX can support a 20lb. (9.1Kg) fixture 9 ft. (274cm) high on a 9 ft. (274cm) horizontal extension. MINI MAX will operate on a 105" (265cm) maximum arc from 16 ft. (489cm) high to 3 ft. (92cm) below horizontal.

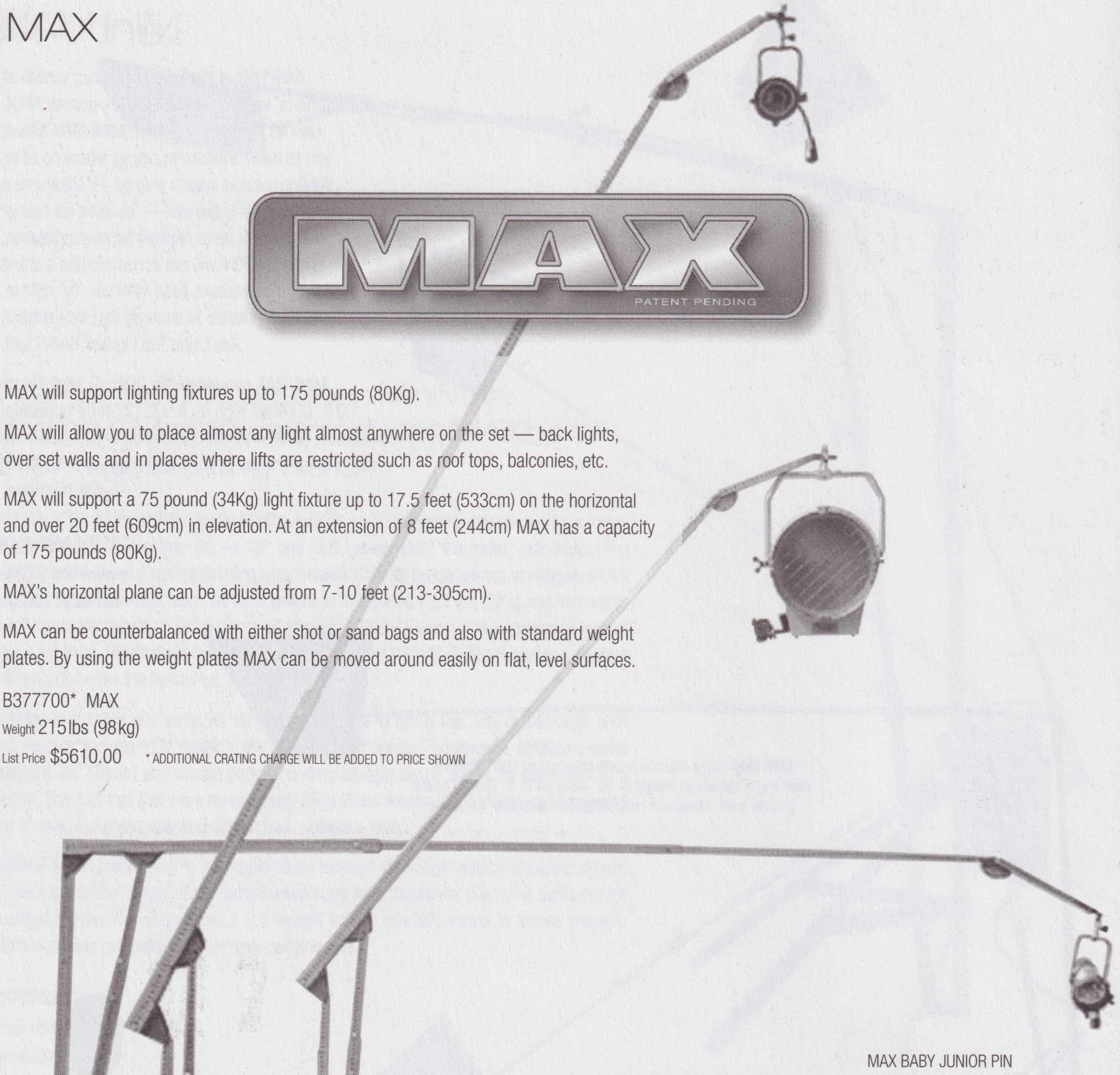
B377701 MINI MAX
Weight 44 lbs (20 kg)
List Price $1150.00



MINI MAX has a maximum operating arc of 105" (265cm) reaching a Maximum Height of 16' (489cm) to 3' (92cm) below ground level. Maximum Horizontal Extension is 9' (274cm).

MiniMAX features 3 Rocky Mountain Legs for non-level terrain, stairs or curbs without the need for Apple Boxes.

MAX



MAX will support lighting fixtures up to 175 pounds (80Kg).

MAX will allow you to place almost any light almost anywhere on the set — back lights, over set walls and in places where lifts are restricted such as roof tops, balconies, etc.

MAX will support a 75 pound (34Kg) light fixture up to 17.5 feet (533cm) on the horizontal and over 20 feet (609cm) in elevation. At an extension of 8 feet (244cm) MAX has a capacity of 175 pounds (80Kg).

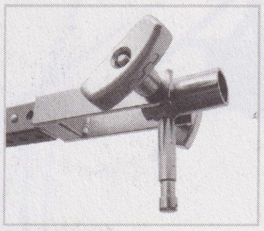
MAX's horizontal plane can be adjusted from 7-10 feet (213-305cm).

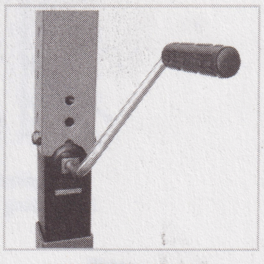
MAX can be counterbalanced with either shot or sand bags and also with standard weight plates. By using the weight plates MAX can be moved around easily on flat, level surfaces.

B377700* MAX
Weight 215 lbs (98 kg)
List Price $5610.00 * ADDITIONAL CRATING CHARGE WILL BE ADDED TO PRICE SHOWN

MAX is easy to store and transport with minimal footprint.

MAX BABY JUNIOR PIN

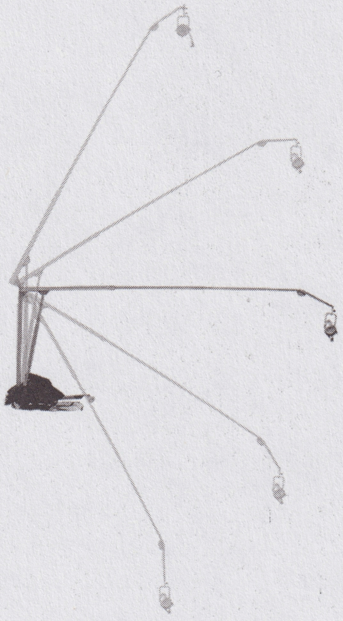




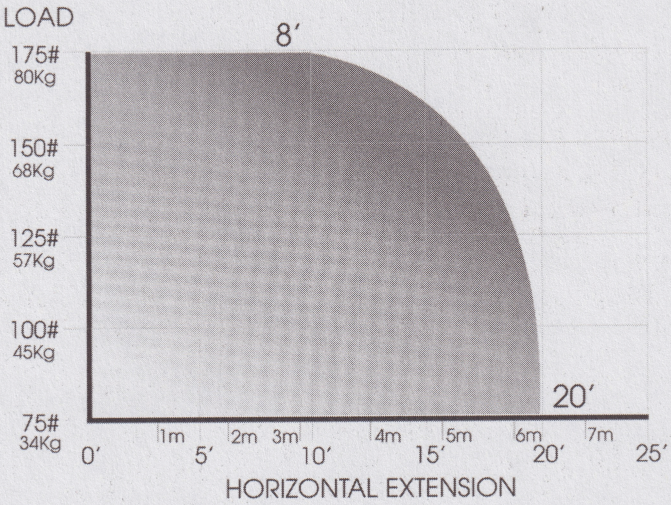
MAX CRANK HANDLE

More MAX FACTS

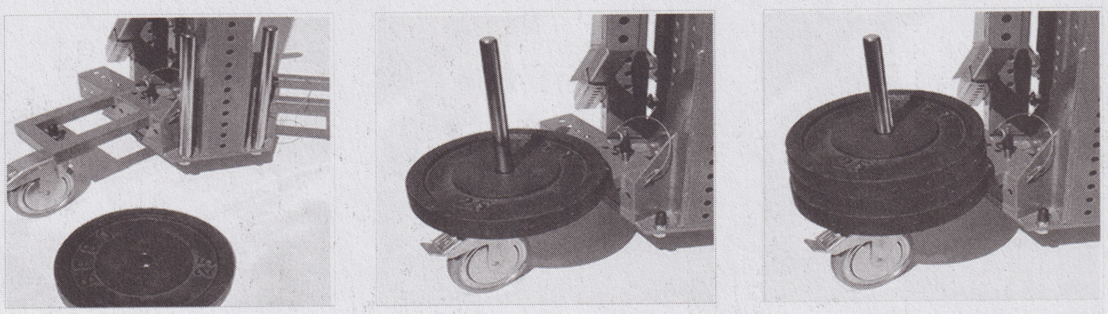
- MAX can be positioned flush against a wall or into a corner.
- MAX can be positioned parallel up to a 10’ (305cm) ceiling.
- MAX at a height of 6’6” (199cm) goes through doorways.
- 16’ (487cm) extension without adapter. 17.5’ (533cm) extension with adapter.
- Self leveling head with Baby Pin and Junior Receiver.
- Fast and easy setup or tear down.
- Easily movable at full extension on level surfaces.
- Angles are adjustable with light fixture attached.
- Use for lights, flags, frames, branch holders or even cameras.
- 3:1 weight ratio



MAX works below the horizontal, eliminating the need for scaffolding.



MAX LOAD vs EXTENSION



Reposition the chrome weight post from its storage position and add 25 lb. (12Kg) weights to each side as required to counterbalance the load. Weights shown not included.

TRUSS & GRID CLAMPS

CHAPTER FIVE